NINDS CDE Recourse
Cognitive Battery - NIH Toolbox

Availability:	**Please visit this website for more information about the instrument:** NIH Toolbox website.
Classification:	**Supplemental** : TBI
Short Description of Instrument:	Validation version contains 8 new tests designed to measure unique domains of cognitive functioning (Episodic Memory, Reading, Vocabulary, Processing Speed, Working Memory, Executive Function, and Attention). The battery is administered on a touchscreen computer with the assistance of a technician. Technician will read instructions and administer items. Touch screen computer will record responses and computer scored. Administration time for the cognitive domain = < 30 minutes). **Background/Purpose:** The National Institutes of Health Toolbox is part of the NIH Blueprint initiative. It seeks to assemble brief, comprehensive assessment tools that will be useful in a variety of settings with a particular emphasis on measuring outcomes in epidemiologic studies and clinical trials across the lifespan. **NIH Toolbox Overview:** The ultimate goal is to help improve communication within and between fields of biomedical research and advance knowledge by using common data elements. The battery will examine various cognitive (episodic memory, language, processing speed, working memory, executive functions, attention), emotional (negative affect, positive affect, stress and coping, social relationships), sensory (vestibular, audition, olfaction, taste, vision) and motor functions (dexterity, strength, locomotion, endurance, balance). **Psychometric Properties:** The battery has gone through extensive work to identify and pre-test the constructs to be measured. Validation is expected to be completed by the end of 2009 with subsequent norming planned on a very large sample. **Other Important Notes:** The battery is designed to measure these domains in ages 3 through 85.
References:	*NIH Toolbox Executive Summary*. NIH Toolbox (accessed March 10, 2010). Principal Investigator: Richard Gershon PhD e-mail: gershon@northwestern.edu Gershon R.C., Cella D., Fox N.A., et al. (2010). Assessment of neurological and behavioural function: the NIH Toolbox. *The Lancet Neurology*, 9(2), 138–139. Quatrano LA, Cruz TH.(2011). Future of outcomes measurement: impact on research in medical rehabilitation and neurologic populations. *Arch Phys Med Rehabil*, 92(10 Suppl), S7–S11.